

Amendments to the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claims 1-7 (canceled)

Claim 8 (currently amended): Circuit for frame rate (~~field repetition frequency~~) conversion in a video signal reproduction device using a motion-adaptive method, having a motion detector for producing motion values of pixels by means of which a device for switching a field sequence with the frame rate being doubled can be actuated,

wherein the motion detector comprises a first device for producing pixel motion signals, which have a first state for each pixel which is found to have moved and a second state for each pixel which is found to have been stationary, and a second device by means of which the pixel motion signals are corrected in order to produce motion values in such a manner that a state of a pixel which differs from matching states of adjacent pixels is ignored.

Claim 9 (currently amended): Circuit according to Claim 8, wherein in order to determine the first or second state, the first device has units for producing controlled characteristics for assessment of field differences as a function of line differences, with the motion sensitivity being ~~increased if the line difference are small, and the motion sensitivity being reduced if the line differences are large~~ varied depending on a magnitude of the line differences.

Claim 10 (original): Circuit according to Claim 9 wherein the first device has circuit units for forming line and field differences, with the field difference being assessed by the units for producing line differences are applied and being mapped onto 1-bit signals, and these 1-bit signals being logically combined by an OR gate in order to produce the pixel motion signals.

Claim 11 (original): Circuit according to claim 10 wherein the third, fourth and the fifth circuit unit are used to produce three field differences from a first, a second and a third field, and in that

the units for producing controlled characteristics are controlled using the maximum of the line difference signals from the first and second field.

Claim 12 (currently amended): Circuit according to claim 8 wherein the second device comprises a correction unit for processing the motion signals of each pixel in such a manner that the first state is corrected to the second state if the motion signals of all the adjacent pixels are in the second state, with a previously corrected state being used for the processing of a subsequent pixel.

Claim 13 (original): Circuit according to claim 8 wherein the second device comprises a correction unit for processing all the motion signals in a line in such a manner that the first state is changed to the second state if the motion signals in one and two lines above and in one line underneath are in the second state.

Claim 14 (original): Circuit according to claim 13 wherein the second device comprises further correction units by means of which moving picture areas are homogenized by insertion of motion signals which are in the first state.